

Mouse anti-Human COX4 Monoclonal Antibody | anti-COX4 antibody

COX4(isoform1) Monoclonal Antibody

CATALOG # AAA300740	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, Immunocytochemistry, Western Blot
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PRODUCT SYNONYMS

COX4; Monoclonal Antibody; COX4(isoform1) Monoclonal Antibody; cytochrome c oxidase subunit 4 isoform 2; mitochondrial COX IV-2 cytochrome c oxidase subunit IV-like 2; anti-COX4 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol
Sequence Length	171
Applicable Applications for anti-COX4 antibody	FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	A synthetic peptide (NPIQGLASKWDYEKNEWKKC) of human COX4(C-terminus).
Target Name	COX4(isoform1)
Preparation and Storage	store at -20 degree C

IMAGES



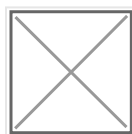
Application Data

K562 cells stained with COX4 (red, 1:100 dilution), followed by FITC-conjugated goat anti-mouse IgG. Blue line histogram represents the isotype control, normal mouse IgG



Application Data

1:150 dilution from a previous lot detected COX4 (C-terminus) in Hela



Application Data

1:4000 dilution of this antibody detected COX (C-terminus) on 20

ADDITIONAL INFORMATION

Product Categories/Family for anti-COX4 antibody	Total protein Ab
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17999526
NCBI GeneID	84701
NCBI Accession #	NP_115998.2
NCBI GenBank Nucleotide #	NM_032609.2
UniProt Accession #	Q96KJ9; Q6GTF4; Q9H0Z4
Molecular Weight	20,010 Da
NCBI Official Full Name	cytochrome c oxidase subunit 4 isoform 2, mitochondrial
NCBI Official Synonym Full Names	cytochrome c oxidase subunit IV isoform 2 (lung)
NCBI Official Symbol	COX4I2
NCBI Official Synonym Symbols	COX4; COX4B; COX4-2; COX4L2; COXIV-2; dJ857M17.2
NCBI Protein Information	cytochrome c oxidase subunit 4 isoform 2, mitochondrial
UniProt Protein Name	Cytochrome c oxidase subunit 4 isoform 2, mitochondrial
UniProt Gene Name	COX4I2
UniProt Synonym Gene Names	COX4L2; COX IV-2
UniProt Entry Name	COX42_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cox4-antibody-flow-cytometry-immunocytochemistry-western-blot-elisa/300740>